

INTERNATIONAL SEARCH REPORT

PCT/GB 03/03383

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07C51/14 C07C67/38 C07C69/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01 68583 A (SHELL INT RESEARCH) 20 September 2001 (2001-09-20) cited in the application	1-3, 5-28, 30
Y	the whole document	4
X	WO 96 19434 A (EASTHAM GRAHAM RONALD ;TOOZE ROBERT PAUL (GB); ICI PLC (GB); WANG) 27 June 1996 (1996-06-27) cited in the application	1-3, 5-28, 30
Y	the whole document	4
Y	WO 01 72697 A (SHELL INT RESEARCH) 4 October 2001 (2001-10-04) page 6, line 26 - line 28 page 7, line 15 - line 17 page 8, line 4 - line 12 page 11, line 34 -page 12, line 30; claims 1,6,8	4

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

14 November 2003

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27/11/2003

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0168583	A	20-09-2001	AU 4246301 A	24-09-2001
			AU 5038001 A	08-10-2001
			BR 0109239 A	24-12-2002
			BR 0109242 A	24-12-2002
			CA 2403183 A1	04-10-2001
			CA 2403186 A1	20-09-2001
			CN 1420860 T	28-05-2003
			CN 1422248 T	04-06-2003
			WO 0172697 A2	04-10-2001
			WO 0168583 A2	20-09-2001
			EP 1263709 A2	11-12-2002
			EP 1263713 A2	11-12-2002
			JP 2003527365 T	16-09-2003
			JP 2003528849 T	30-09-2003
			US 2002045748 A1	18-04-2002
			US 2001044556 A1	22-11-2001
WO 9619434	A	27-06-1996	AT 181725 T	15-07-1999
			AU 701935 B2	11-02-1999
			AU 4309596 A	10-07-1996
			BR 9510249 A	04-11-1997
			CA 2207672 A1	27-06-1996
			CN 1171098 A ,B	21-01-1998
			CZ 9701932 A3	18-02-1998
			DE 69510563 D1	05-08-1999
			DE 69510563 T2	25-11-1999
			DK 799180 T3	31-01-2000
			EP 0799180 A1	08-10-1997
			ES 2133837 T3	16-09-1999
			WO 9619434 A1	27-06-1996
			HU 77016 A2	02-03-1998
			JP 10511034 T	27-10-1998
			NZ 297842 A	28-01-2000
			US 6348621 B1	19-02-2002
WO 0172697	A	04-10-2001	AU 4246301 A	24-09-2001
			AU 5038001 A	08-10-2001
			BR 0109239 A	24-12-2002
			BR 0109242 A	24-12-2002
			CA 2403183 A1	04-10-2001
			CA 2403186 A1	20-09-2001
			CN 1420860 T	28-05-2003
			CN 1422248 T	04-06-2003
			WO 0172697 A2	04-10-2001
			WO 0168583 A2	20-09-2001
			EP 1263709 A2	11-12-2002
			EP 1263713 A2	11-12-2002
			JP 2003527365 T	16-09-2003
			JP 2003528849 T	30-09-2003
			US 2002045748 A1	18-04-2002
			US 2001044556 A1	22-11-2001